

## Montana Madness

by Arya Akhavan

Gemology Online Faceting Design Competition 2014

Maximize Entry 7

Angles for R.I. = 1.760

79 + 12 girdles = 91 facets

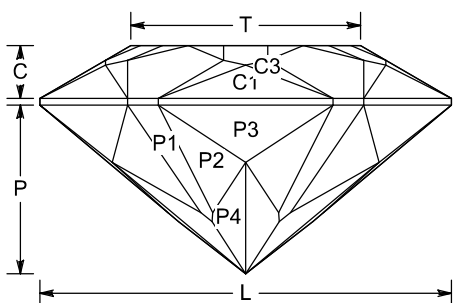
6-fold, mirror-image symmetry

96 index

L/W = 1.100 T/W = 0.614 U/W = 0.582

P/W = 0.450 C/W = 0.140

Vol./W<sup>3</sup> = 0.247



### PAVILION

P1	40.00°	08-24-40-56-72-88	Cut to centerpoint.
P2	39.90°	07-09-23-25-39-41-55-57-71-73-87-89	Meet at culet.
G1	90.00°	96-16-32-48-64-80	Set stone size.
G2	90.00°	08-24-40-56-72-88	Level girdle.
P3	60.00°	96-16-32-48-64-80	Level girdle.
P4	38.00°	06-10-22-26-38-42-54-58-70-74-86-90	Meet P2, P3

### CROWN

C1	52.79°	96-16-32-48-64-80	Set girdle width.
C2	30.00°	08-24-40-56-72-88	Level girdle.
C3	35.26°	04-12-20-28-36-44-52-60-68-76-84-92	Meet G1, G2, C1, C2
C4	20.00°	96-16-32-48-64-80	Meet C1, C3
C5	20.65°	04-12-20-28-36-44-52-60-68-76-84-92	Meet C2, C3, C4
T	0.00°	Table	Meet C2, C5

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